

SON 1846/STP

PTO/PCT Rec'd 29 MAR 2001 #3
PATENT APPLICATION

09/720079

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Patent Application of)

Shigeyuki KAWAI et al.)

Group Art Unit: N/A

Serial No. 09/720,079)

Examiner: N/A

Filed: December 20, 2000)

Batch No.: N/A

For: ELECTRONIC MONEY SYSTEM AND)
ELECTRONIC MONEY TERMINAL)

LETTER RE: SUBMISSION OF FORMAL DRAWINGS

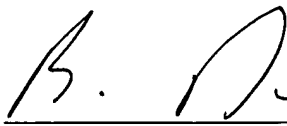
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

We have enclosed the English language formal drawings in the above-identified application
as required in the Notice of Missing Requirements of January 29, 2001.

Respectfully submitted,

Dated: March 29, 2001


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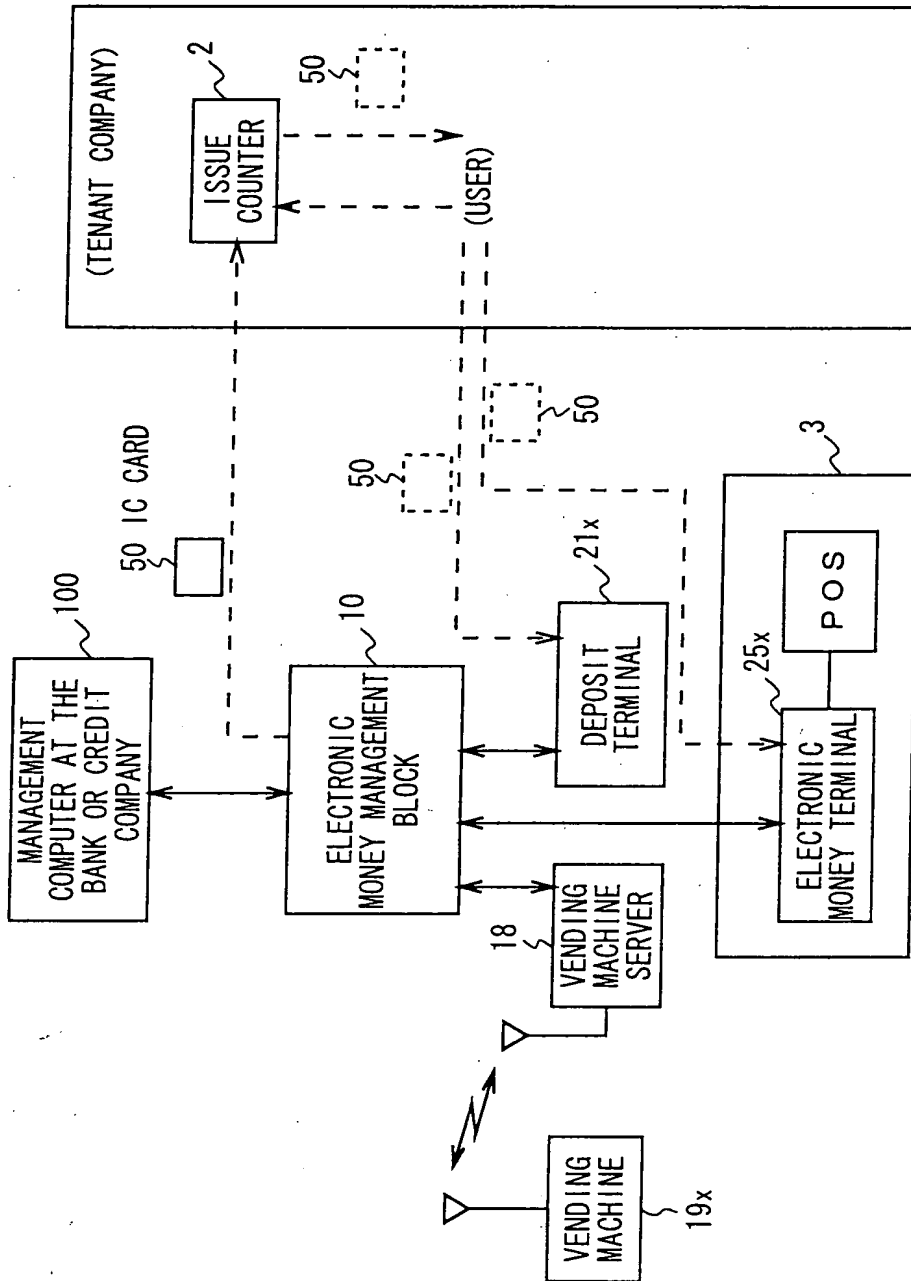


FIG. 1

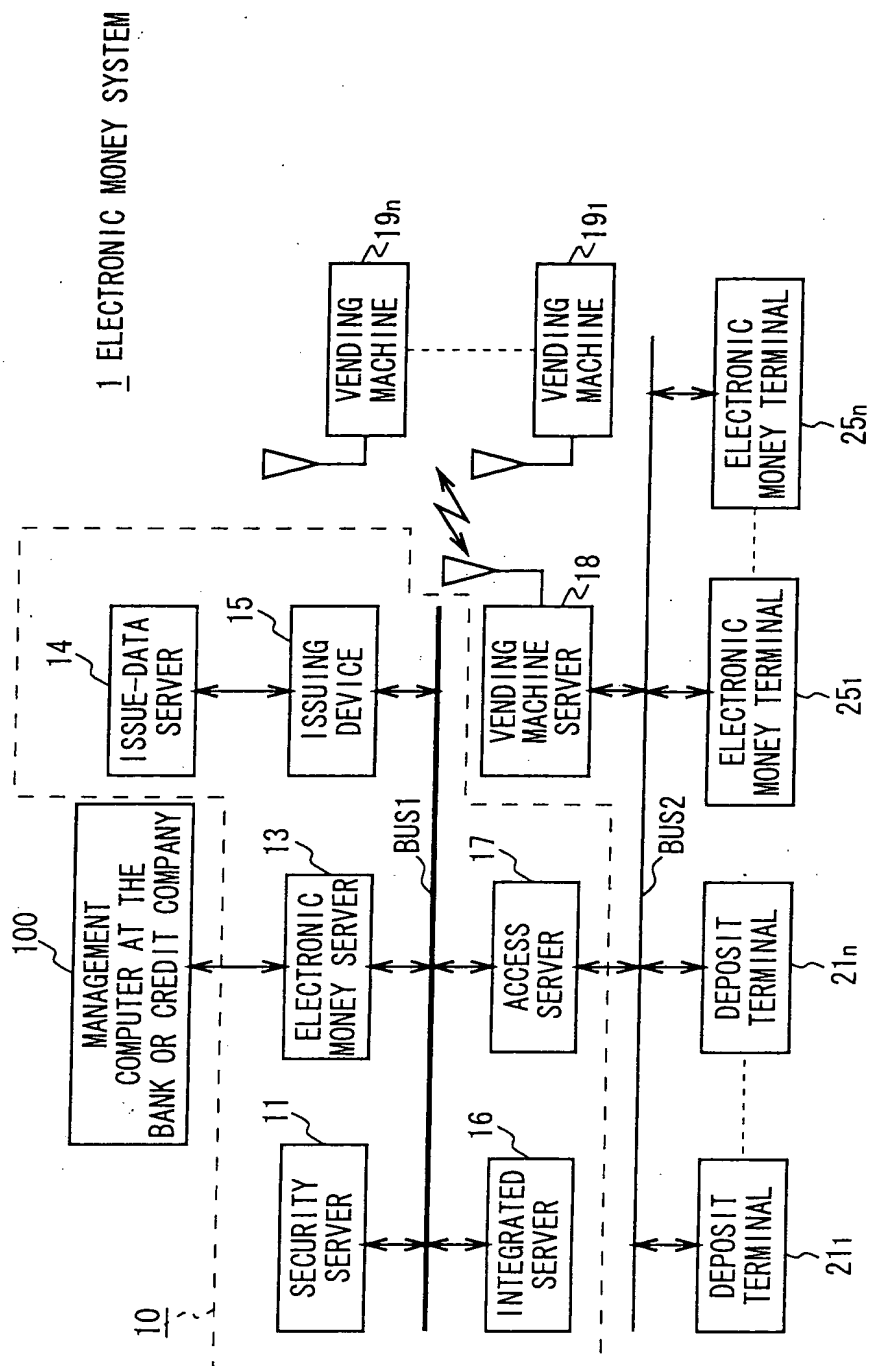


FIG. 2

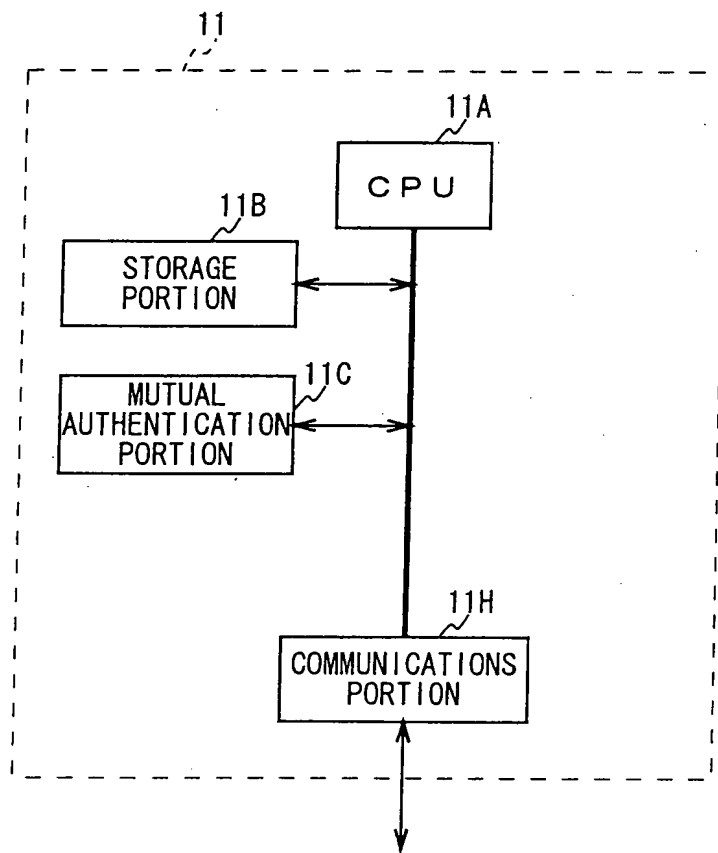


FIG. 3

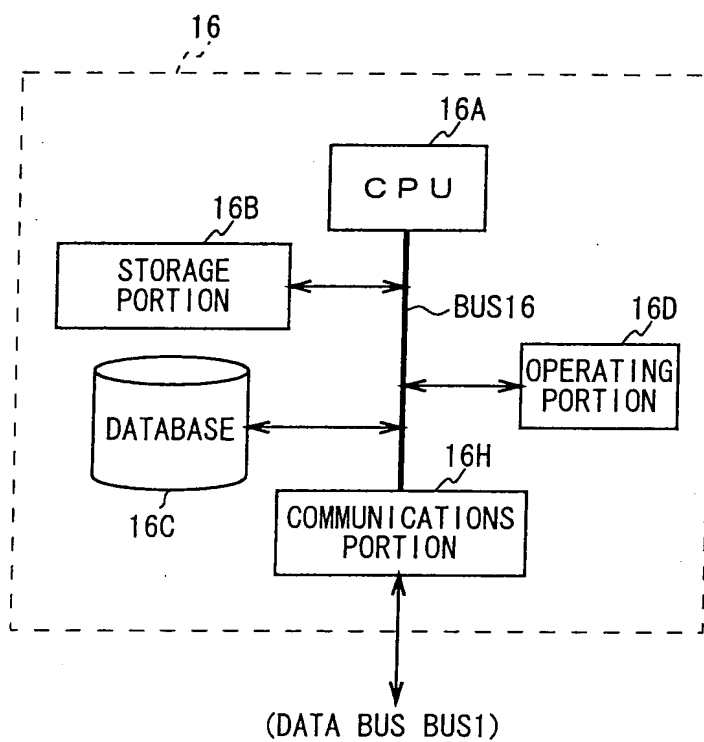


FIG. 4

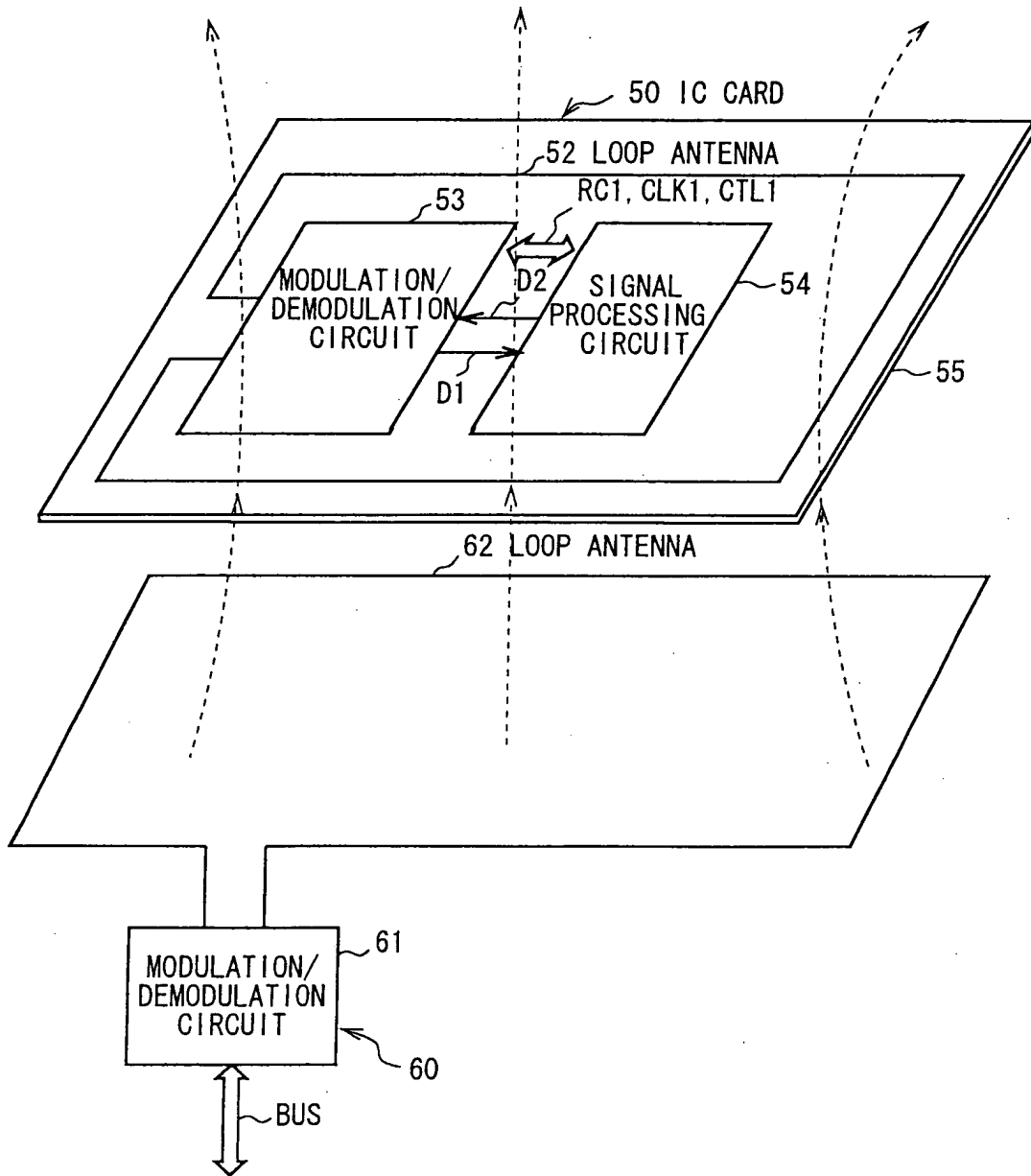


FIG. 5

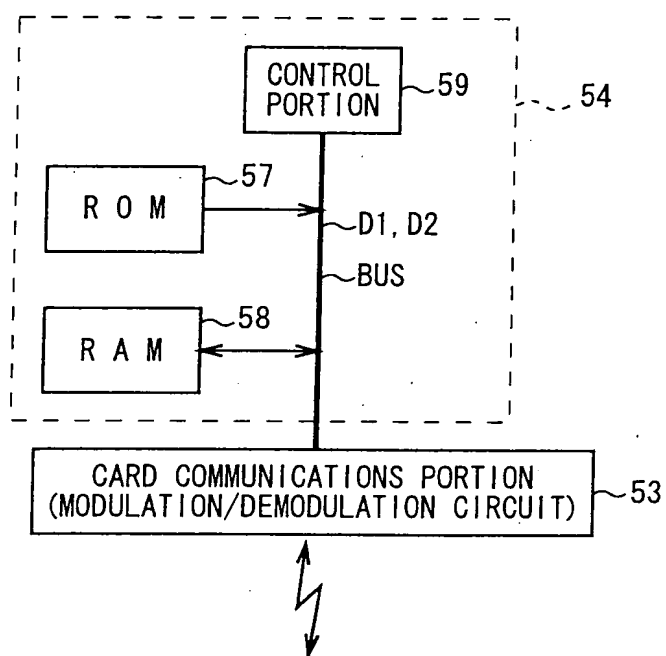


FIG. 6

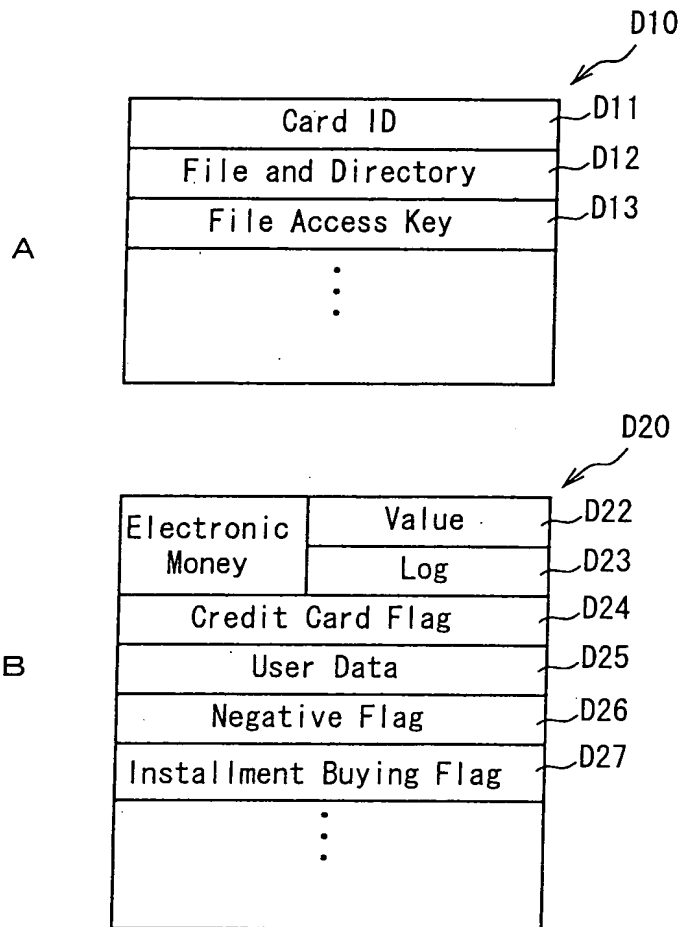


FIG. 7

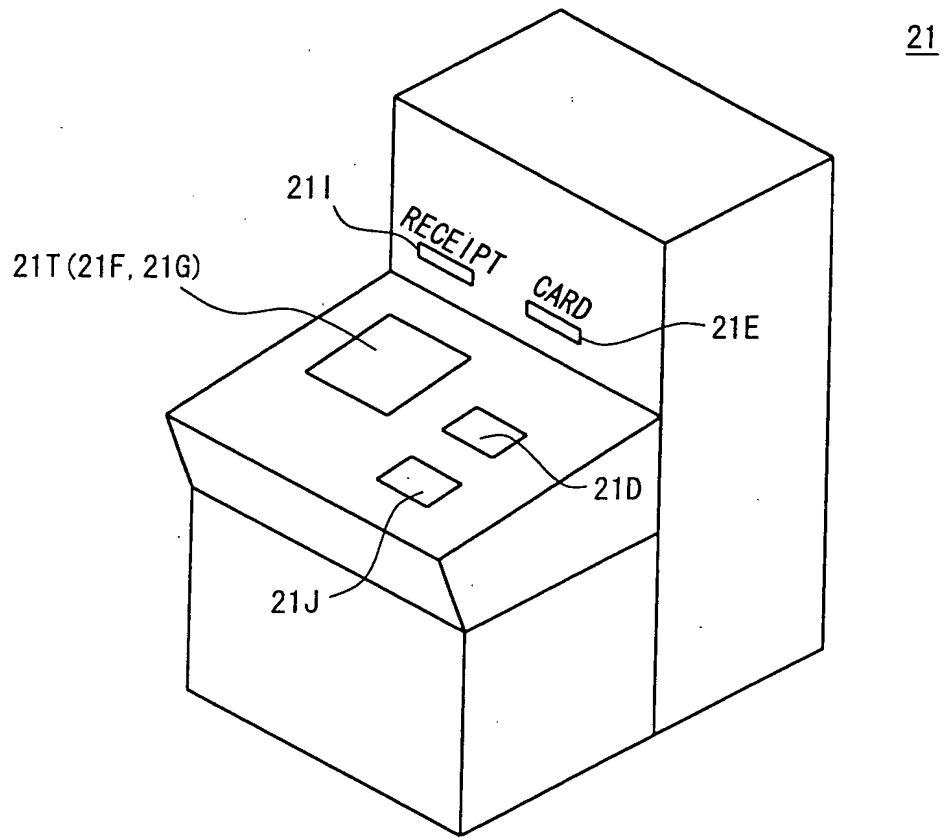


FIG. 8

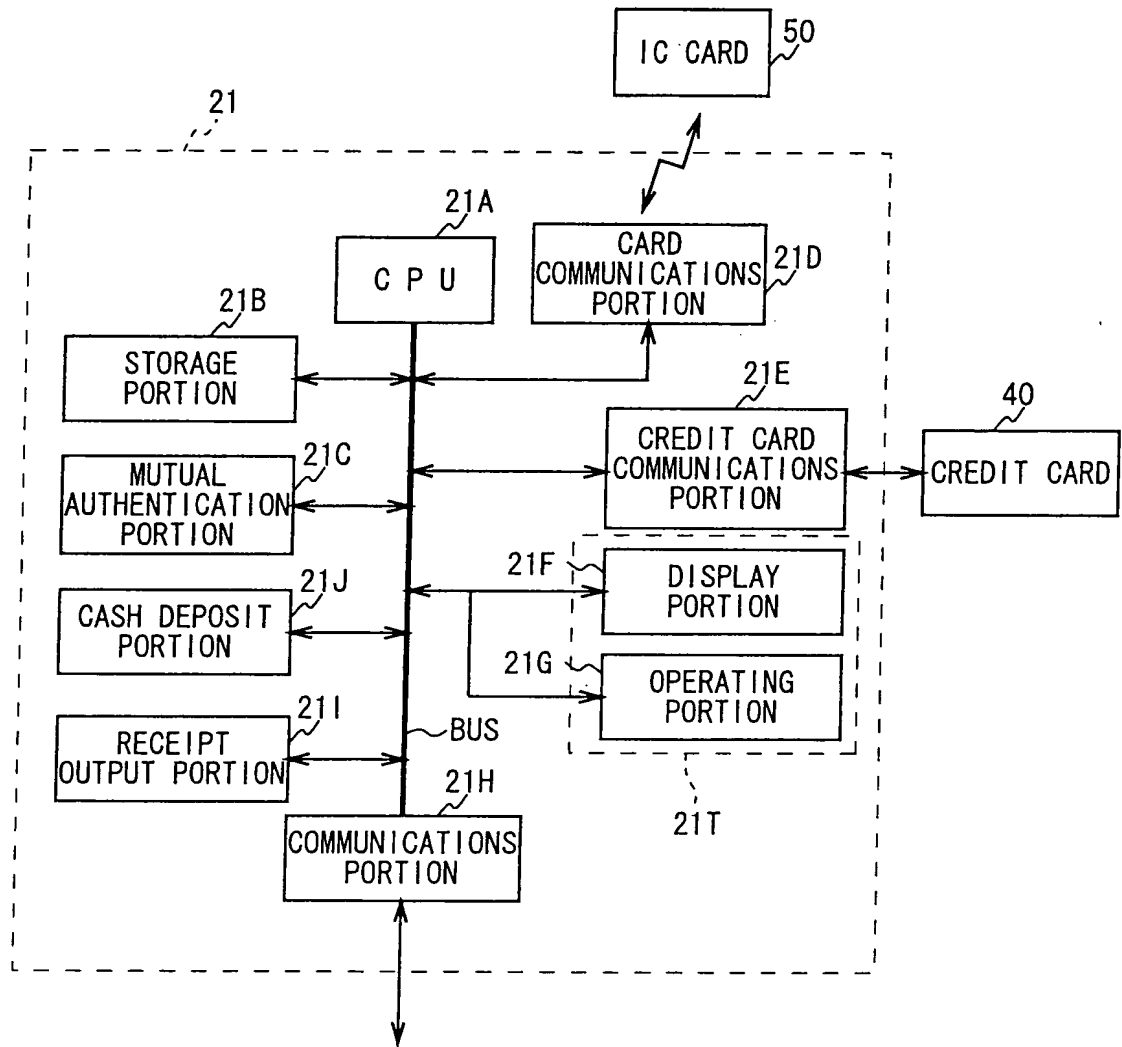


FIG. 9

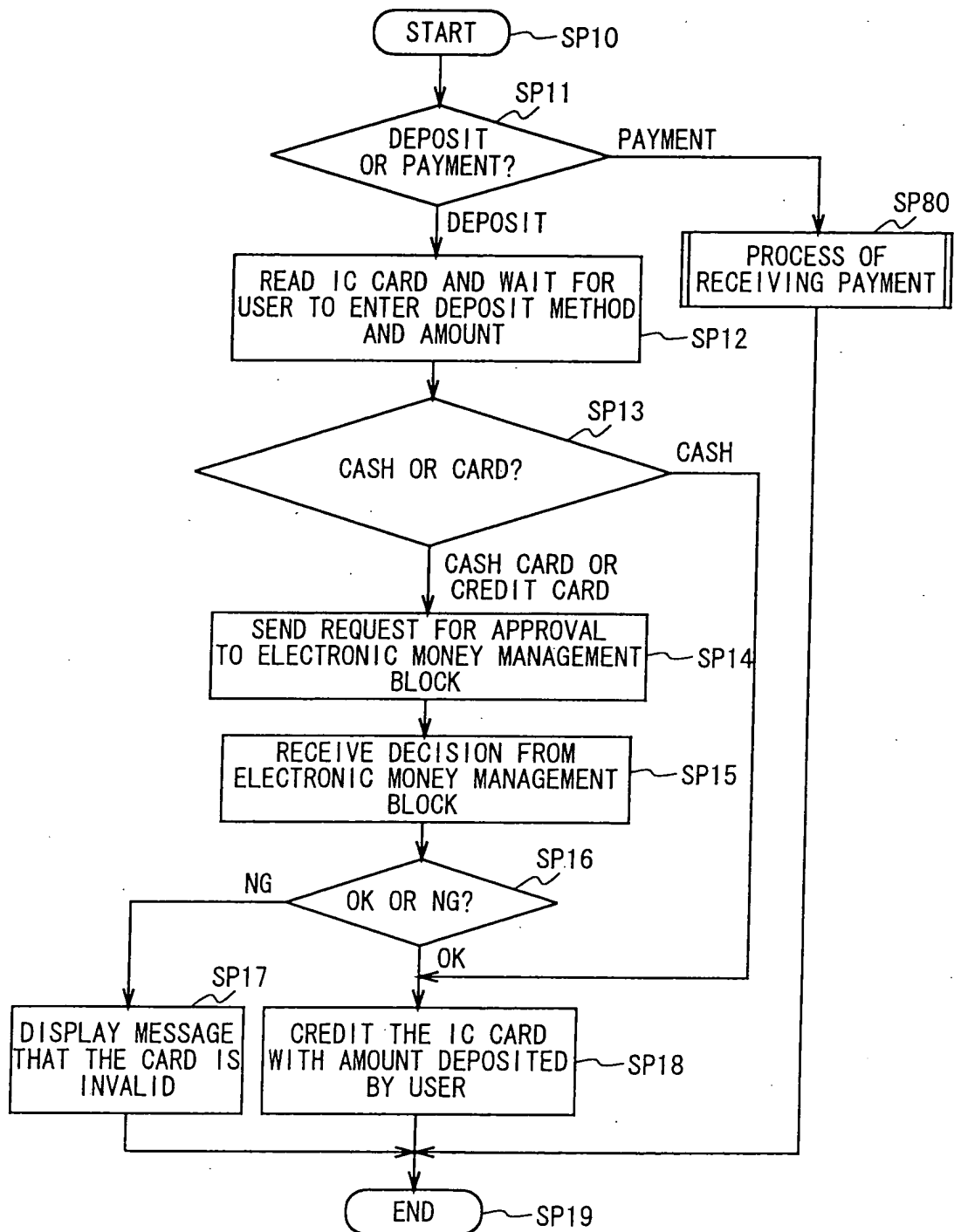


FIG. 10

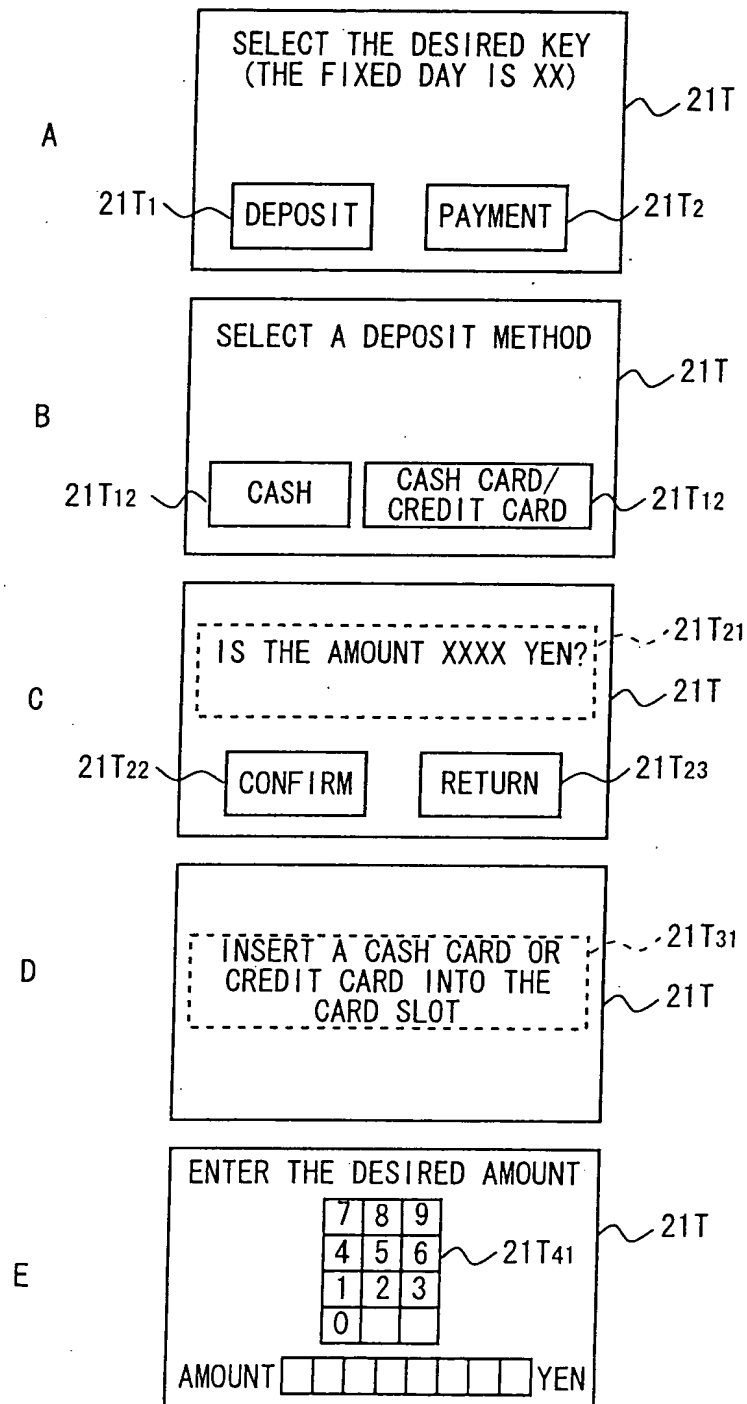


FIG. 11

FIG. 12

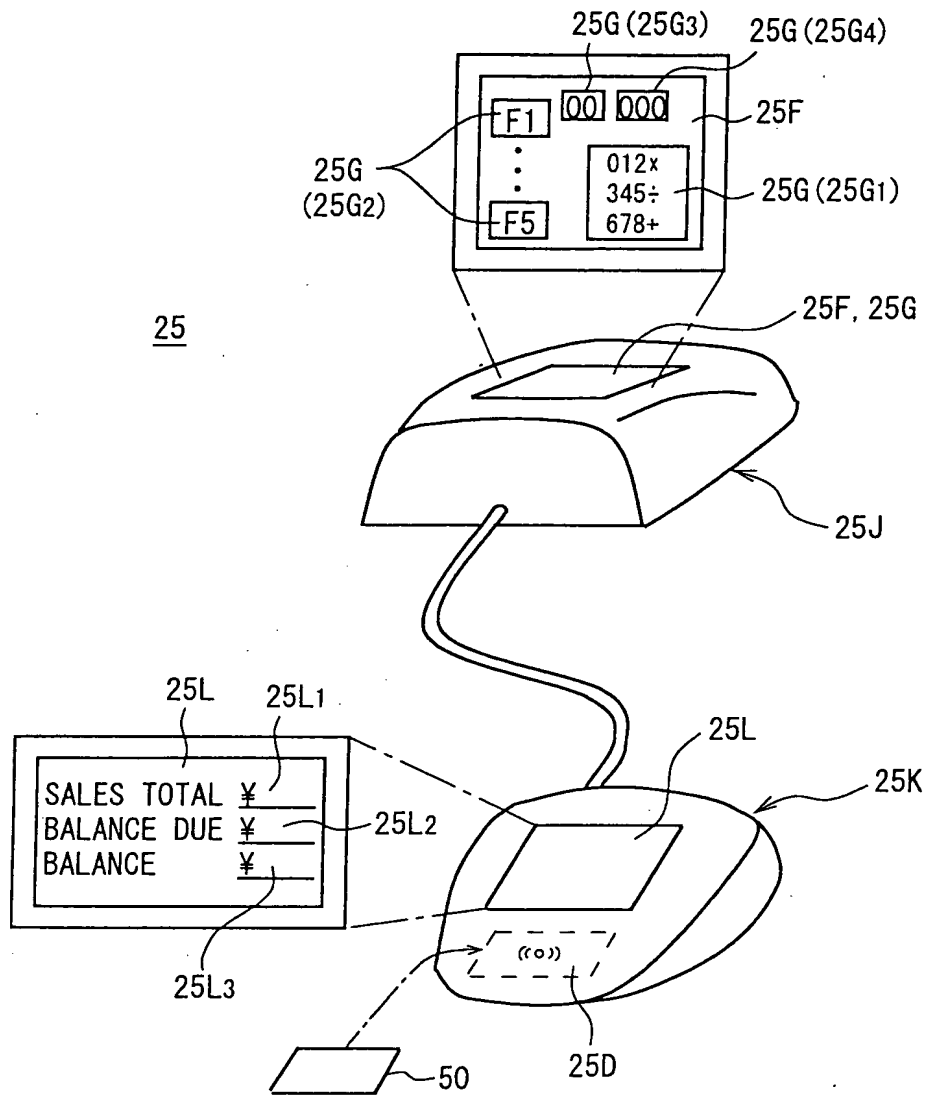


FIG. 12

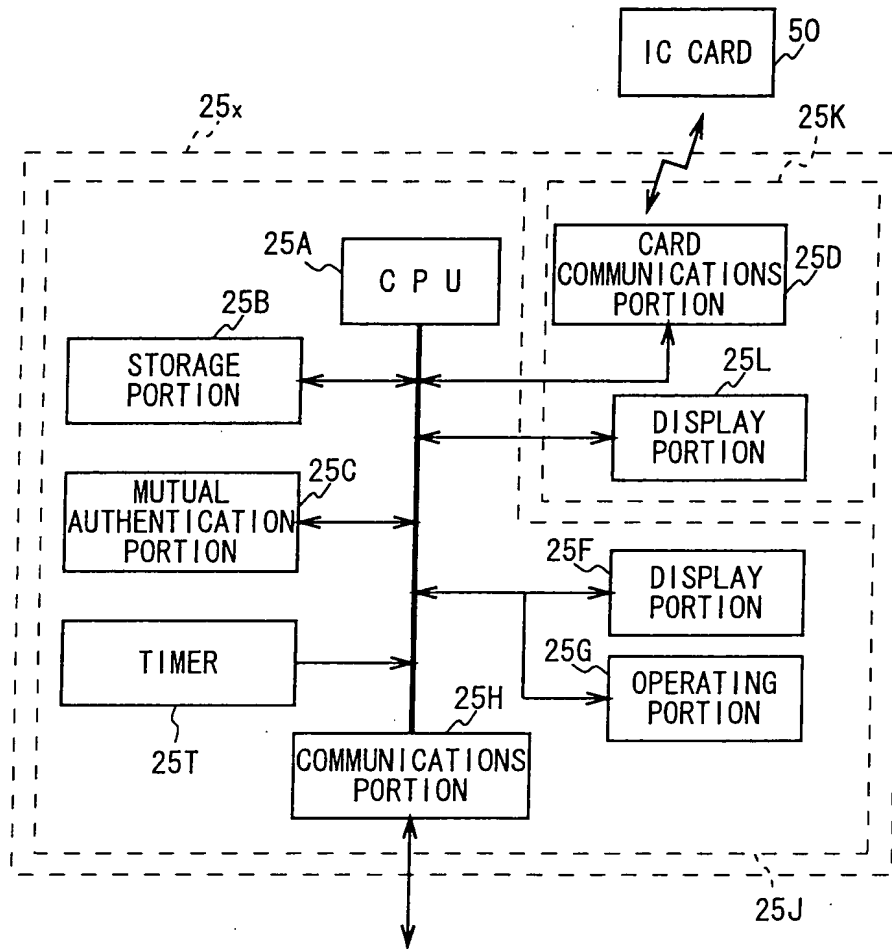


FIG. 13

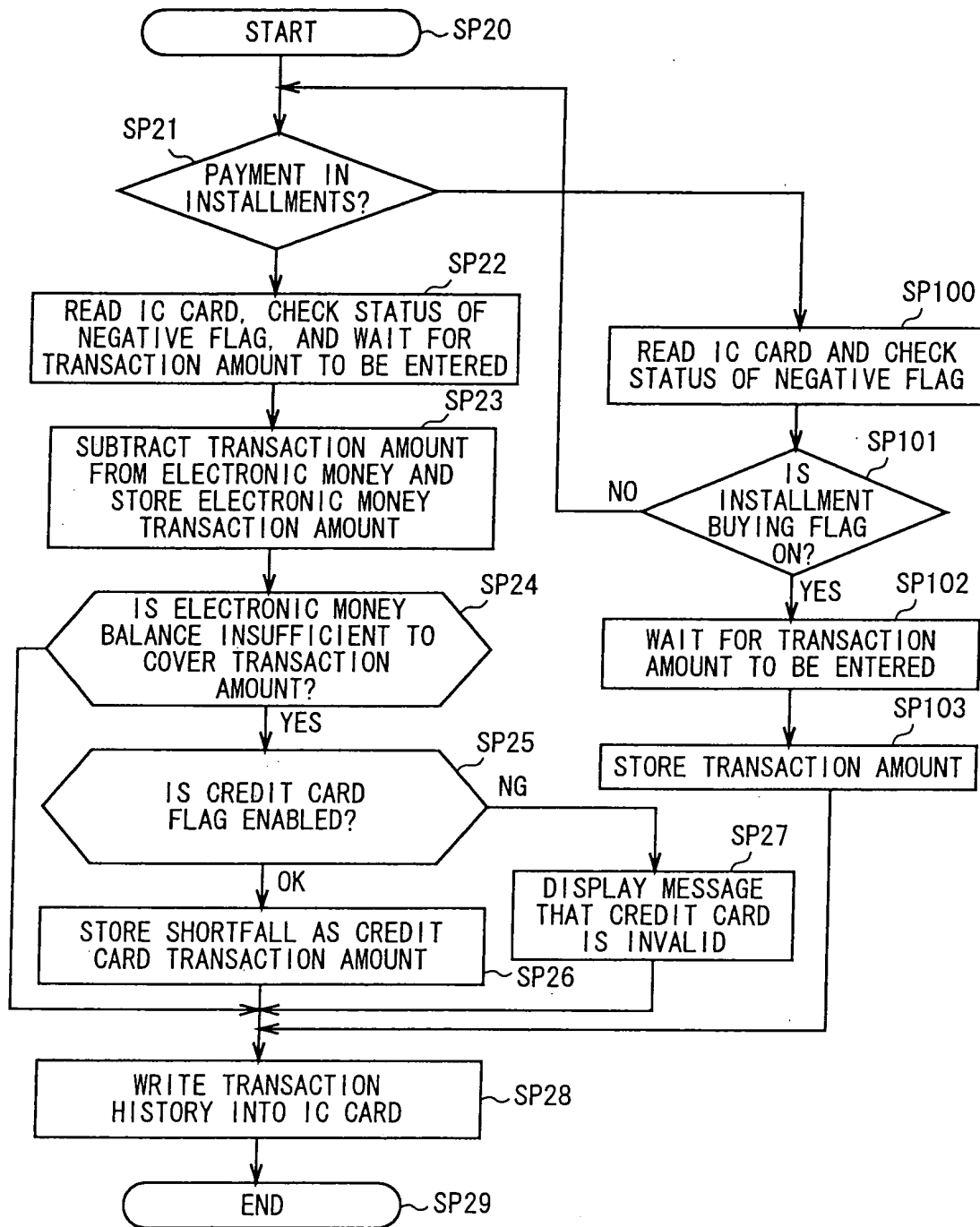


FIG. 14

D23

A

		DESCRIPTION	byte
D231 ~	1	Card Transaction S/N (A)	32byte
D232 ~	2	Log Type	
	3	(Reserved)	
D233 ~	4	Data/Time	
D234 ~	5	Terminal Number	
D235 ~	6	Dealing Value (unsigned)	
	7	Card Transaction S/N (B)	
D236 ~	8	Signature1 Key Version	
D237 ~	9	Balance Data	
D238 ~	10	Terminal Transaction S/N	
	11	(Reserved)	
D239 ~	12	Signature1	

D23A

B

D23A1 ~	13	Card IDm	16byte
D23A2 ~	14	Terminal Transaction Flag	
	15	(Reserved)	
D23A3 ~	16	Signature2 Key Version	
D23A4 ~	17	Signature2	

FIG. 15

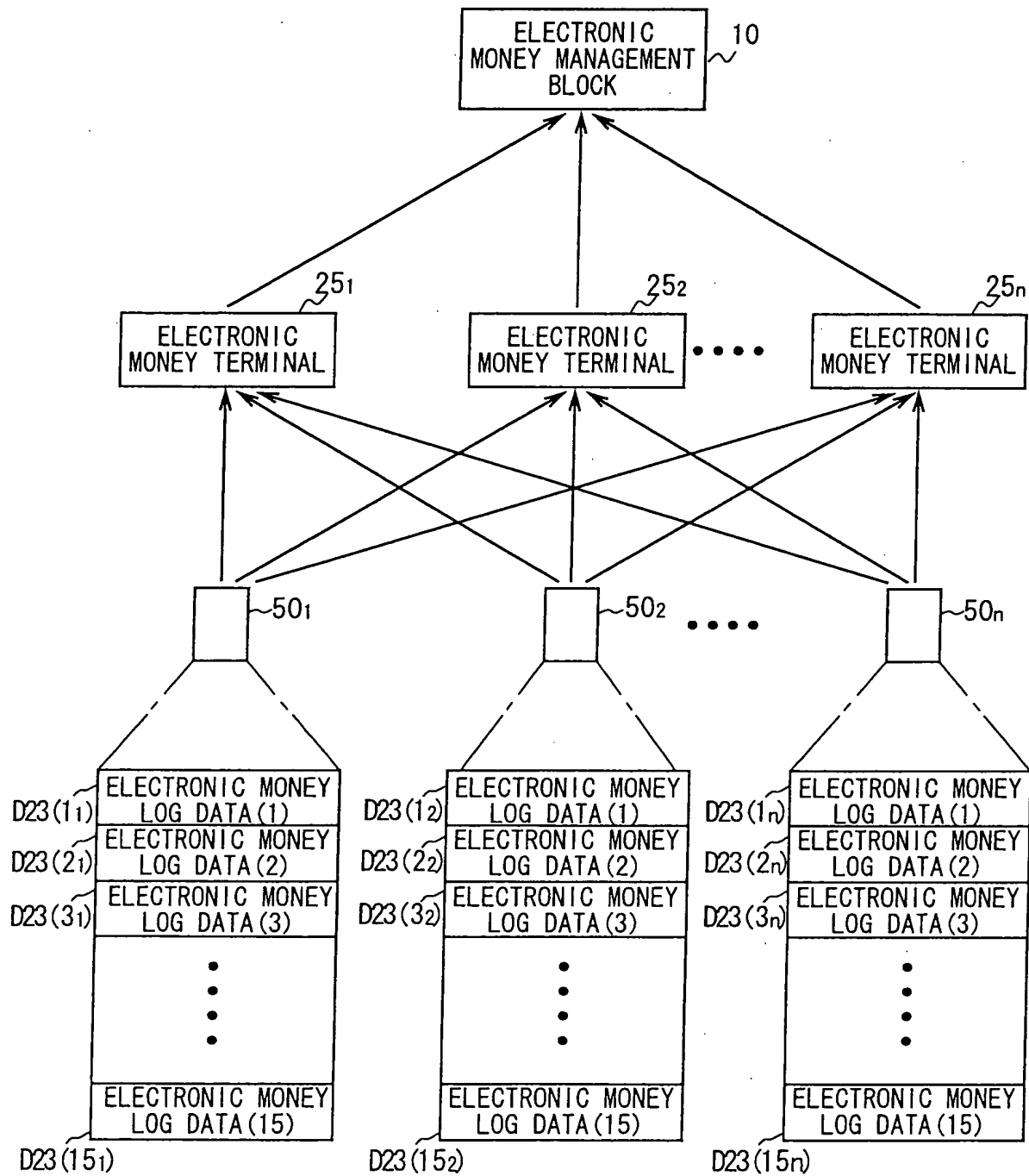


FIG. 16

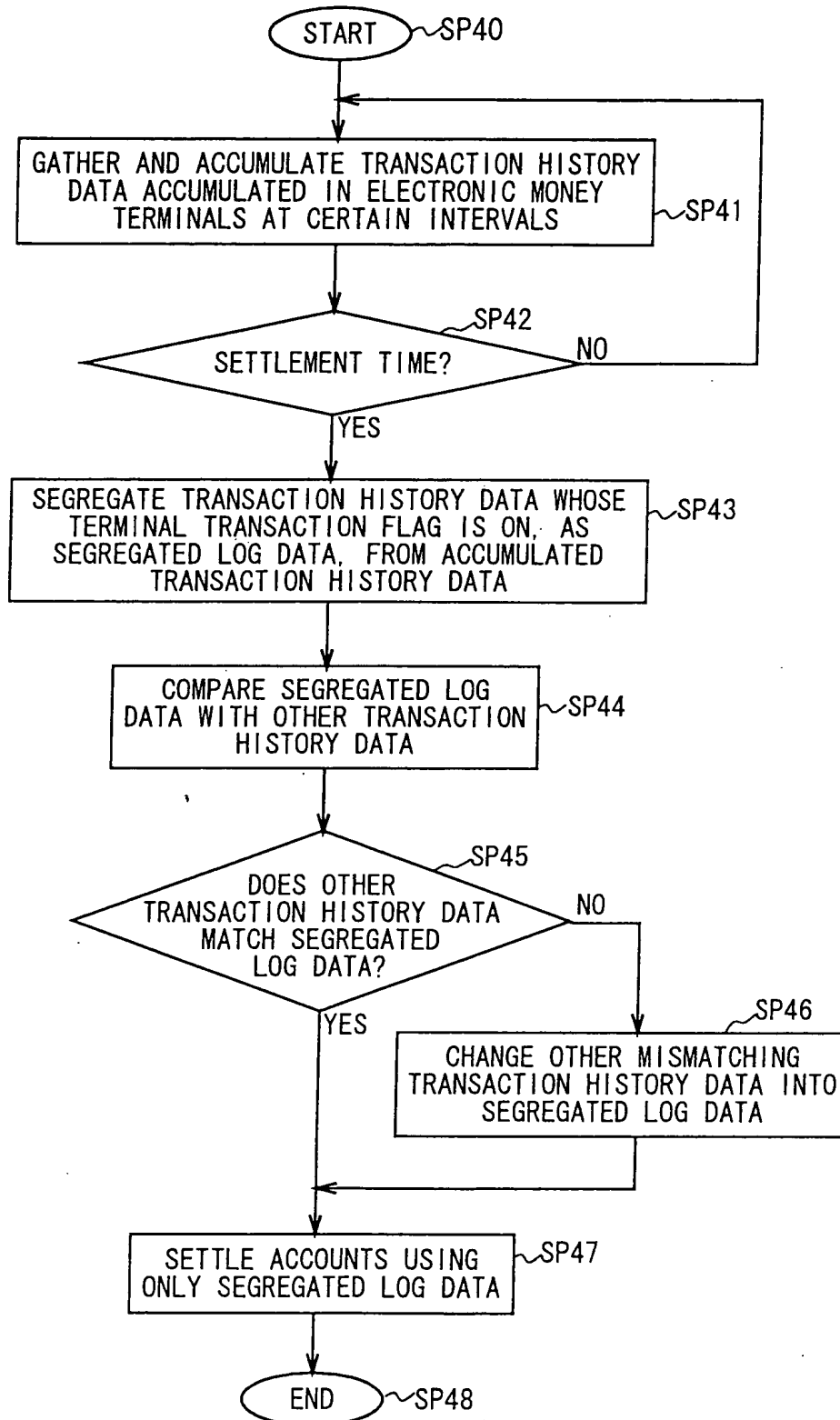


FIG. 17

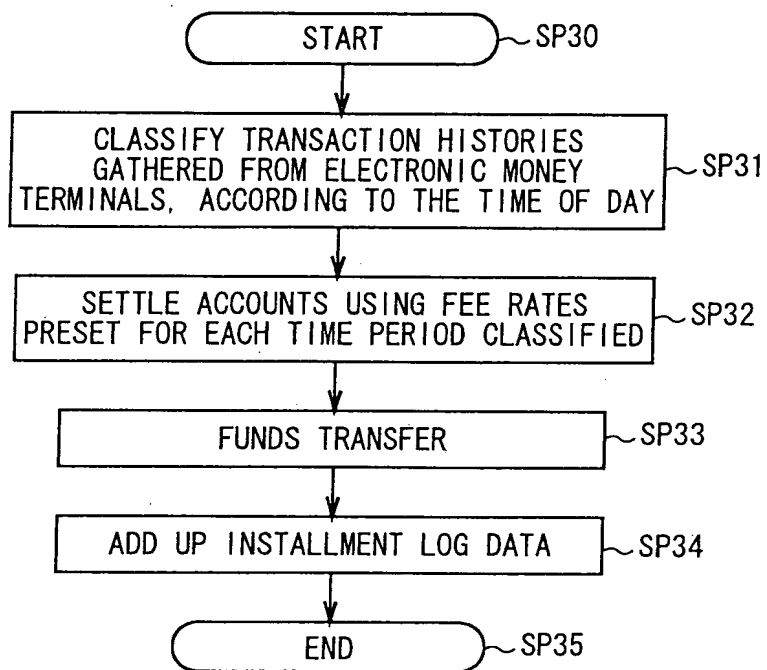


FIG. 18

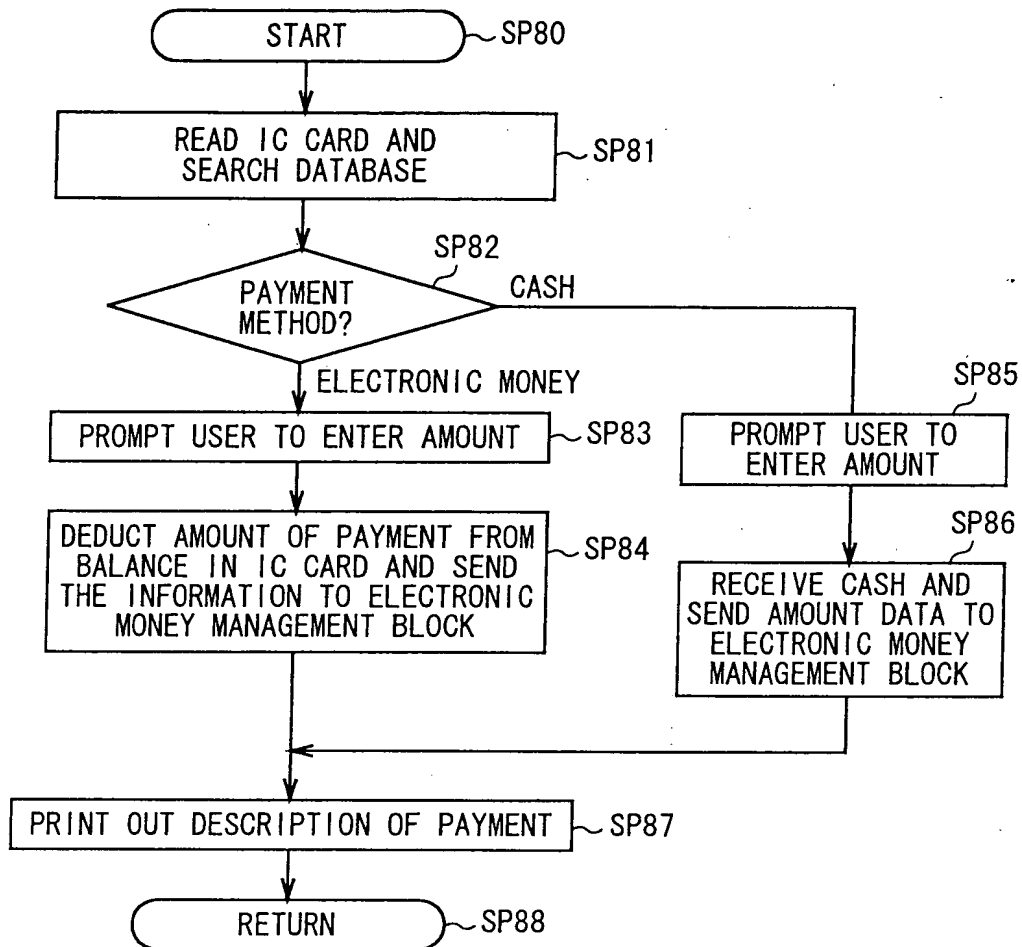


FIG. 19

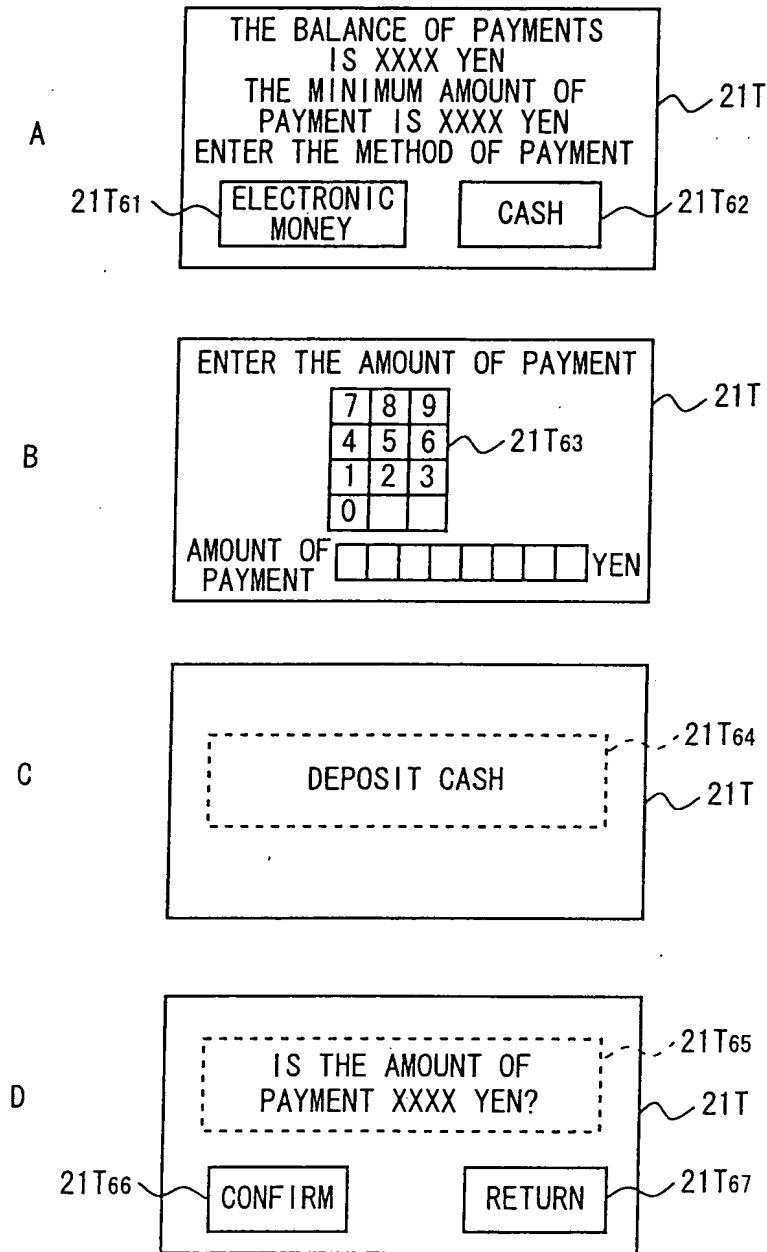


FIG. 20

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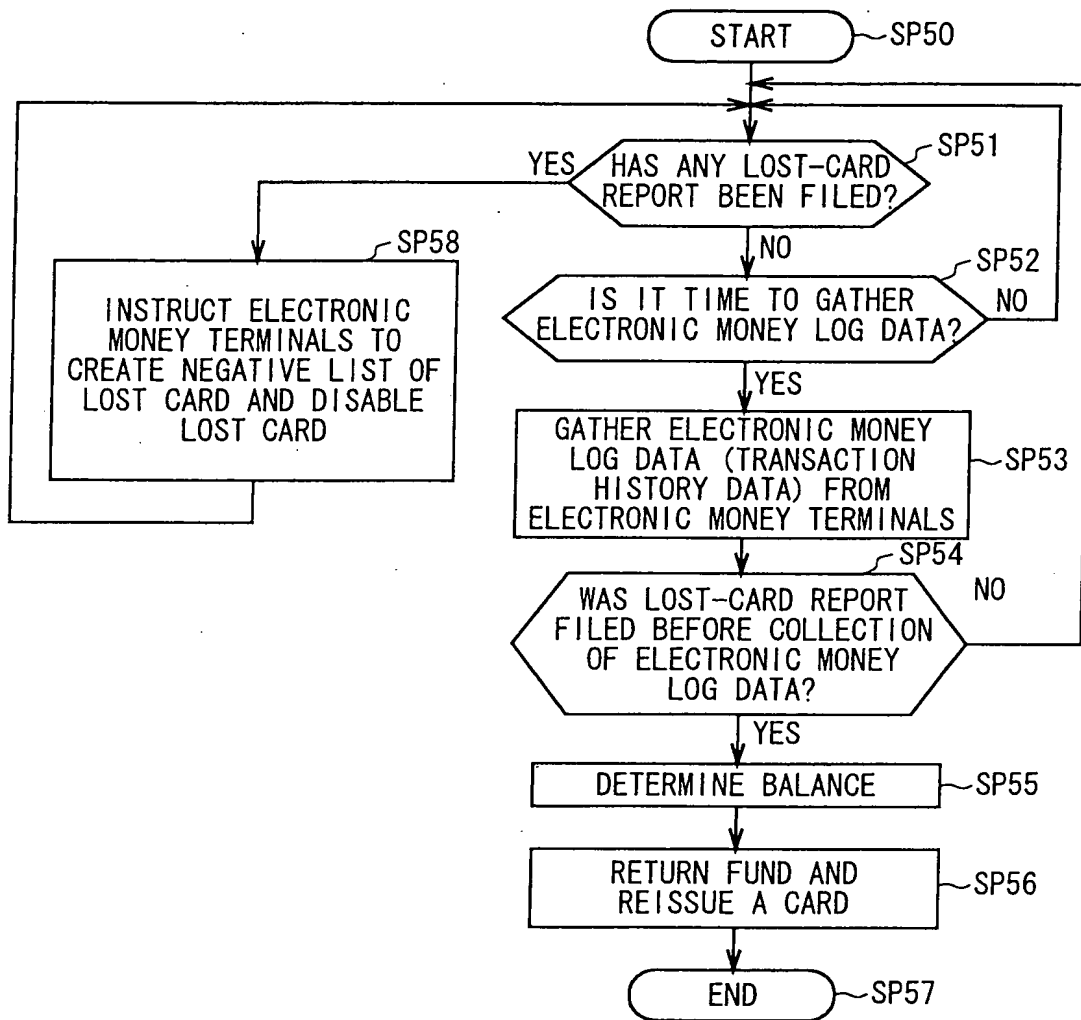


FIG. 21

D58

		DESCRIPTION	byte
D581 ~	1	Negative List Type	32byte
	2	(Reserved)	
D582 ~	3	Date(registered)	
D583 ~	4	Date(start)	
D584 ~	5	Date(end)	
D585 ~	6	Card IDm	
	7	(Reserved)	
D586 ~	8	Signature key Version	
D587 ~	9	Signature	

FIG. 22

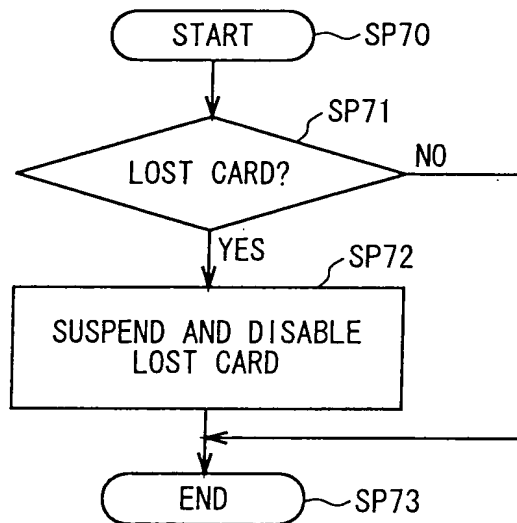
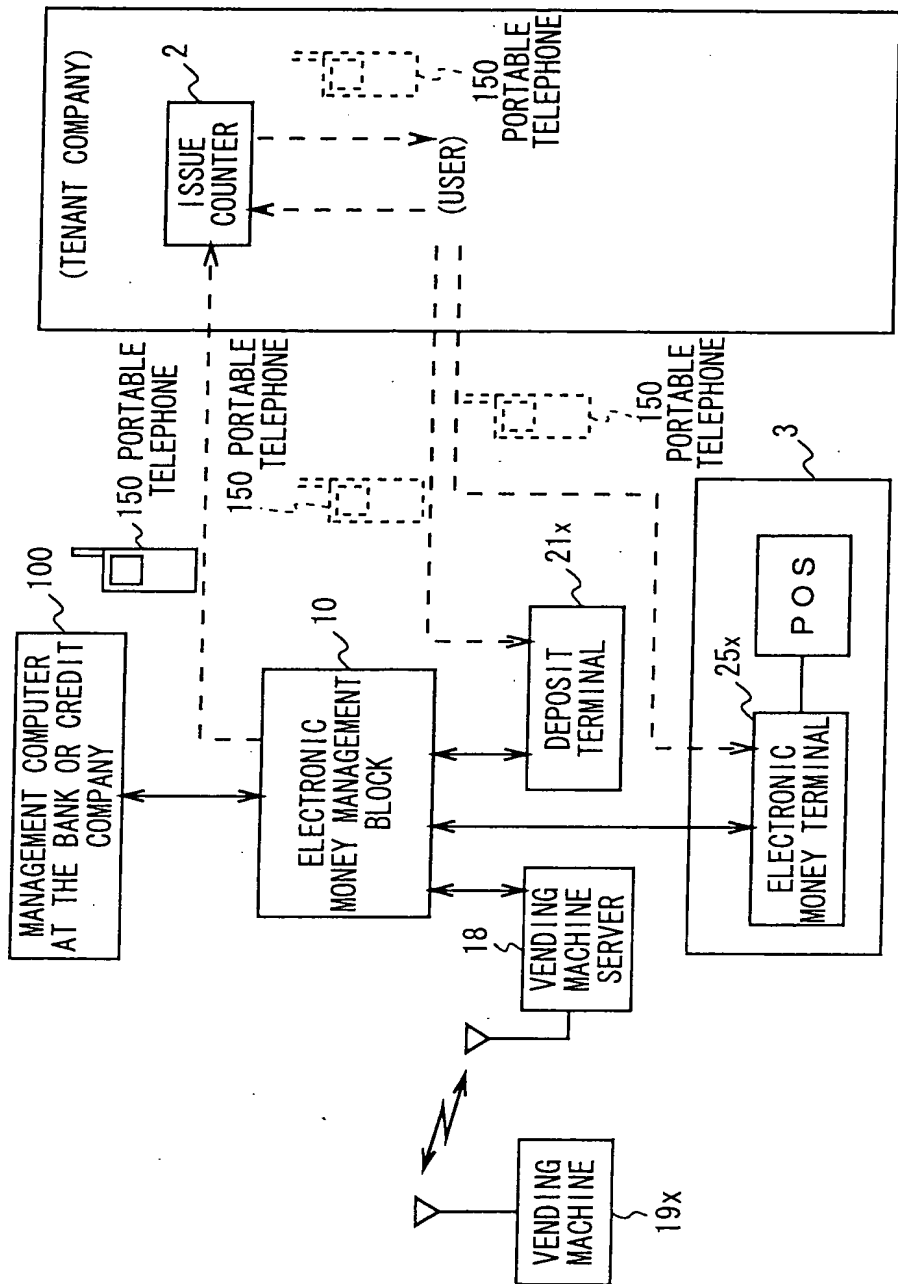


FIG. 23



1

FIG. 24

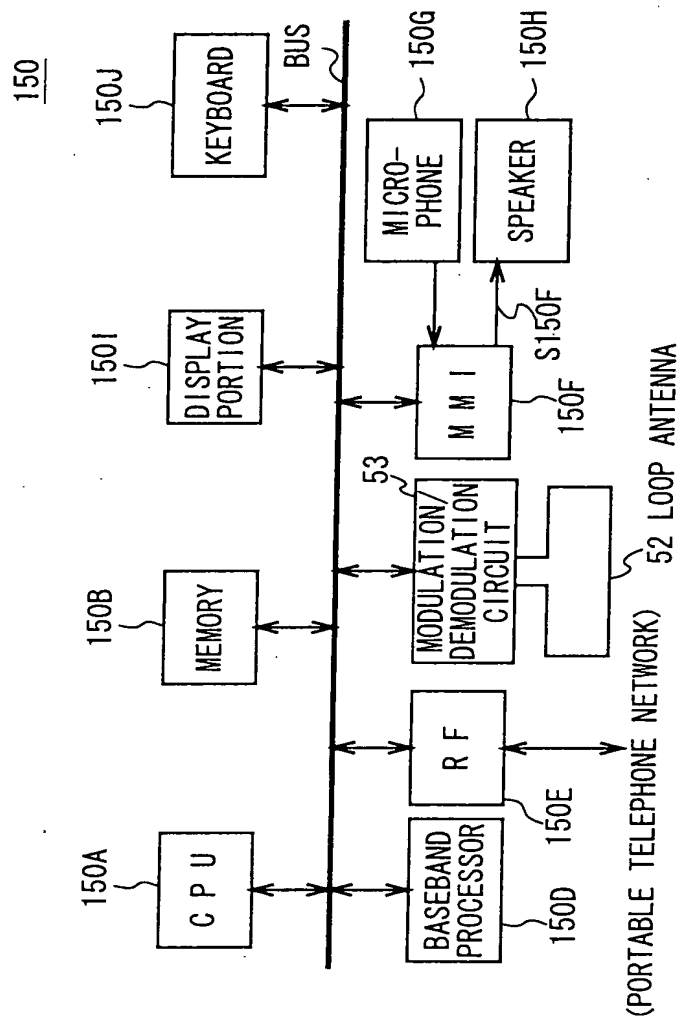


FIG. 25

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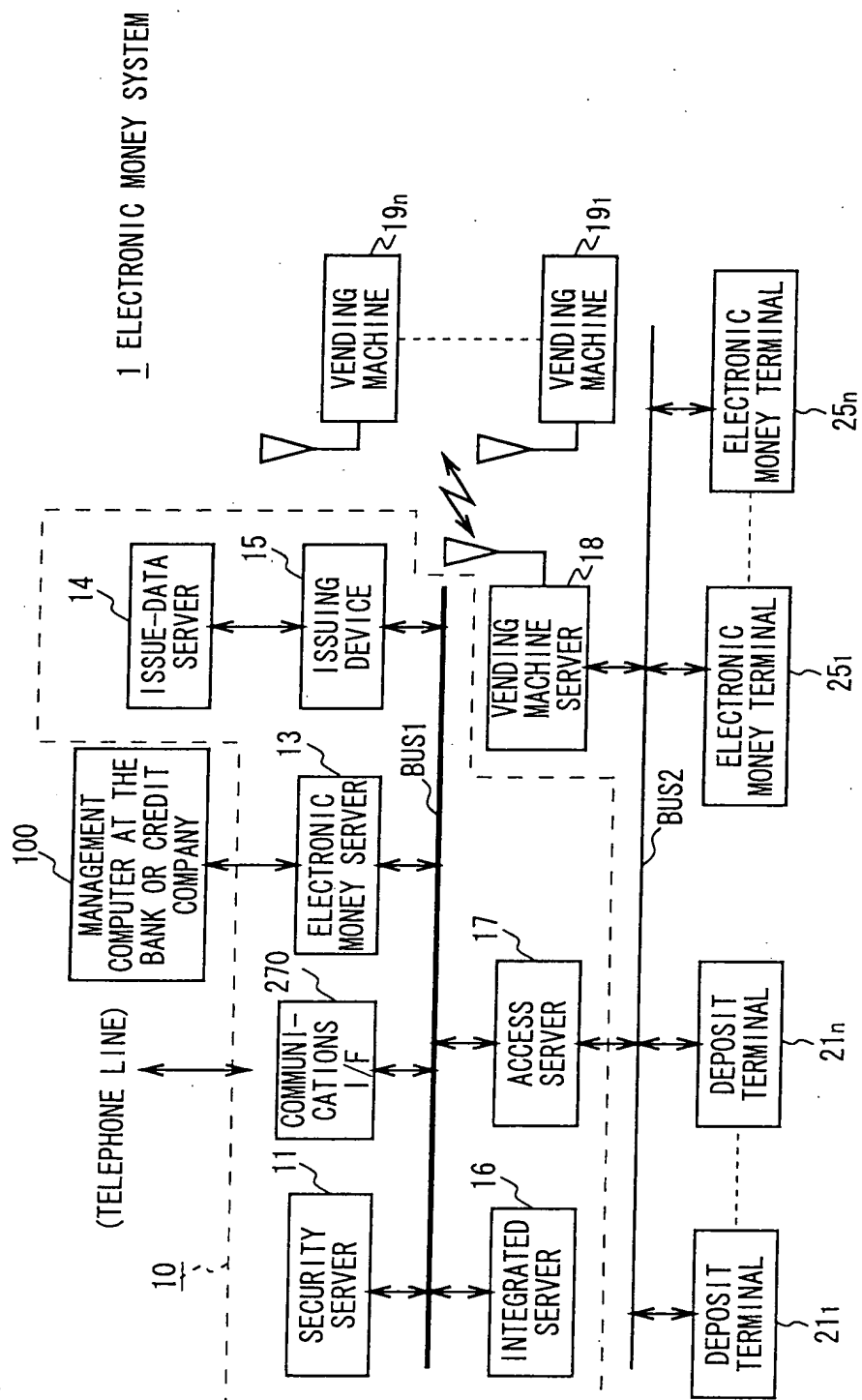


FIG. 26

Explanation of Reference Numerals

1 ... Electronic money system, 10 ... Electronic money management block,
11 ... Security server, 13 ... Electronic money server, 14 ... Issue
server, 15 ... Issuing device, 16 ... Integrated server, 17 ... Access
server, 18 ... Vending machine server, 19_x ... Vending machine, 21_x ...
Deposit terminal, 25_x ... Electronic money terminal, 50 ... IC card,
100 ... Management computer at the bank or credit company, D58 ...
Negative list.